Exhibit B

Comparison of 1A7 light chain variable region with database sequences

```
1A7:      1  DVLMTQTPLSLPVSLGDQASISCRSSQSIVHSNGNTYLEWYLQKPGQSPNLLIYFVSNRF  60

   1      1  ..........................................................K...K.....  60
   2      1  ..........................................................K...K.....  60
   3      1  ..V.......................................................K...K.....  60
   4      1  ..........................................................K...K.....  60
   5      1  ..........................................................K...K.....  60
   6      1  ..........................................................K...K.....  60
   7      1  ..........................................................K...K.....  60
   8      1  ...............................................X..K...K.....  60
   9      5  ...........................S...F.........................K...K.....  64
  10      1  ..........................................................K...K.....  60
  11      1  ..........................................................K...K.....  60
  12     20  ..........................................................K...K.....  79
  13      1  ..........................................................K...K...L  60
  14      1  ..........................................................K...K.....  60
  15      5  ...........................S...F.........................K...K.....  64


1A7:     61  SGVPDRFSGSGSGTDFTLKISRVEAEDLGVYYCFQGSHVPWTFGGGTKLEIK  112

   1     61  ...................................................  112
   2     61  ...................................................  112
   3     61  ...................................................  112
   4     61  ...................................................  111
   5     61  ....X..............................................  112
   6     61  ...............................................Y...  112
   7     61  ..........C........................................  111
   8     61  ...................................................  111
   9     65  .................................T...Y.............  116
  10     61  ....................R..................Y...........  112
  11     61  ........................................R..........  112
  12     80  ....................................Y...S.........  131
  13     61  ....................................Y.............  112
  14     61  ........T.........................V.....Y.........  112
  15     65  ...........................Q.........T.............  116
```

DATABASE REFERENCE:

```
   1   gp| M34588|MU SIGKABR_1   Mouse Ig kappa-chain mRNA V-J regi...
   2   gp| L18941|MU SIG43B8_1    Mouse rearranged immunoglobulin li...
   3   gp| 222035|MD IGKVAH_1     immunoglobulin variable region [Mu...
   4   gp| M32857|MU SIGKCSP_1    Mouse Ig rearranged kappa-chain mR...
   5   gp| M34589|MU SIGKABS_1    Mouse Ig kappa-chain mRNA V-J regi...
   6   gp| J04438|MUSIGKCWA_1     Mouse Ig-kappa chain (PAC1) mRNA V...
   7   gp| M31271|MUSIGKCSM_1     IgM gene product [Mus musculus]
   8   gp| K32858|MUSIGKCSQ_1     Mouse Ig rearranged kappa-chain mR...
   9   gp| U29428|MMU29428_1      anti-PC Ig kappa chain [Mus musculus]
  10   gp|X65770|MMIGMNM4_1       IgM gene product [Mus musculus]
  11   gp|M83723|MUSIGKD2A_2      immunoglobulin kappa-chain VK-1 [M...
  12   pir|B39276|B39276          Ig light chain precursor V-D-J reg...
  13   gp|L14370|MUSIGKJVSA_1     immunoglobulin kappa chain [Mus mu...
  14   pir|A31807|A31807          Ig kappa chain V region (PAC1) - m...
  15   gp|U29267|MMU29267_1       IgL rearranged kappa chain V-J reg...
```

Comparison of 1A7 heavy chain variable region with database sequences

```
1A7:    1   QVQVKESGPFLVPPSQSLSITCTVSGFSLTTYGVSWIRQPPGKGLEWLGAIWGDGTTNYH   60

 1      1   .........G..A.................S.....V............V.....S....   52
 2      1   ...LQ....G..A.................S..IT.V............V.....N.....  60
 3     20   ...L.....G..A.................G...N.V............T...N.S.D.N   79
 4      1   ...L..T..G..A.................S...H.V...........VV...S..S...N  60
 5      1   ...L.....G..A.................S...H.V............V..AG.S...N   60
 6      1   ...L.....G..A.................S...H.V............V..AG.S...N   60
 7      1   ...L.....G..A.............P..S...D.V............V...G.S...N   60
 8     23   ...LQ....G..A.................G...N.V............M.....N.D.N   82
 9      1   ...L.....G..A.................G...N.V............M.....N.D.N   60
10    133   ...LQ....G..A.................G...N.V............M.....N.D.N  192
11     20   ...L.....G..A.................G...N.V............M.....N.D.N   79
12      1   ...L.....G..A................SR.S.H.V............M...G.N.D.N   60
13     21   .HL......V..A.................N...H.V............V..AG.N...N   80
14     23   ...LQ....G..A.................G...N.V............M.....N.D.N   82
15      1   ...LQ....G..A.................G...N.V............M.....N.D.N   60


1A7:   61   SALISRLSISKDNSKSQVFLKLNSLQTDDTATYYCAKL-------GNYDALDWWGQGTSVTVSS  117

 1     53   ...................................P------YDYExxxxx.Y.....TL..  109
 2     61   ...............................................x------xxxxxxx.K.Y..........  120
 3     80   .T.K...T.T...........M.......R....SVSIYYYGRSDK.FT..Y..........  144
 4     61   ...K.................M.......H....Rx------xx.D.Y.M.Y..........  119
 5     61   ...M.................M.......M....Rx------xxxxxx.Y.M.Y.........  120
 6     61   ...M.................M.......M....Rx------xxxx.Y.M.Y..........  118
 7     61   ...M.................M..X....M....xx------xxx.X.Y.M.Y..........  119
 8     83   ...K.................M...H....R....RE--------=RDYR..Y.....T.....  138
 9     61   ...K.................M...H....R....RE--------=RDYR..Y.....TL....  116
10    193   ...K.................M...H....R....RE--------=RDYR..Y.....T.....  248
11     80   ...K.................M...H....R....RE--------=RDYR..Y.....TL....  135
12     61   ...K.................M.........M....RD------GYYDx.M.Y..........  117
13     81   ...M.................M...I....I....=x------xxxxx.Y.M.Y..........  139
14     83   ...K.................M...H....R...RE--------=RDYR..Y.....T.....  138
15     61   ...K.................M...H....Rv...RE--------=RDYR..Y.....T.....  116
```

DATABASE REFERENCE:

```
 1   gp|M36221|MUSIGHAEB_1   immunoglobulin heavy chain V-region
 2   gp|U01185|MMU01185_1    immunoglobulin heavy chain [Mus mu...
 3   sp|P01819|HV43_MOUSE    IG HEAVY CHAIN PRECURSOR V REGION ...
 4   gp|M26985|MUSIGH1PR_2   Igh gene product [Mus musculus]
 5   gp|M36217|MUSIGHADK_1   immunoglobulin heavy chain V-regio...
 6   gp|M36228|MUSIGHAEI_1   immunoglobulin heavy chain V-regio...
 7   gp|M34626|MUSIGHACK_1   Mouse Ig rearranged heavy chain (N...
 8   gp|A05515|A05515_1      Vector pSW2HPOLY DNA sequence. [Un...
 9   pdb|1FDL|H              IgG1 Fab Fragment (Anti-Lysozyme A...
10   gp|L43544|MUSALCA_1     antibody [Mus musculus]
11   gp|A03907|A03907_1      antibody D1.3 V region (VDJ) [Homo...
12   pir|S38563|S38563       Ig heavy chain V region (ASWS1) - ...
13   pir|A32456|A32456       Ig heavy chain precursor V region ...
14   gp|A05504|A05504_1      pSW1 protein [unidentified] >gp|AO...
15   gp|L43544|MUSALCA_3     Mus musculus (clone pCT.kvhd1) ant...
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Consensus analysis

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                                      ****************       ******
VL consensus:   1  DVLMTQTPLSLPVSLGDQASISCRSSQSIVHSNGNTYLEWYLQKKGQSPKLLIYFVSNRF   60
1A7:            1  ............................................P....N..........   60


                   *                             *********
VL consensus:  61  SGVPDRFSGSGSGTDFTLKISRVEAEDLGVYYCFQGSHVPWTFGGGTKLEIK           112
1A7:           61  ..........................................................   112




                                          *****         ***********
VH consensus:   1  QVQLKESGPGLVAPSQSLSITCTVSGFSLTSYGVHWVRQPPGKGLEWLGVIWGDGSTNYN   60
1A7:            1  ...V.....F..P...................T...S.I..............A.....T...H   60

                   *****                        ***********
VH consensus:  61  SALKSRLSISKDNSKSQVFLKMNSLQTDDTARYYCAREXXXXYYAMDYWGQGTSVTVSS   119
1A7:           61  ...I...................L..........T....KL--GN.D.L.W...........   117
```

CURRICULUM VITAE

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University of Calcutta, India	Ph.D.	1966	Biochemistry

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